
Subject: Re: Envi: suggest how to save gcps to an ascii file

Posted by [linglimu](#) on Tue, 26 Dec 2006 10:59:53 GMT

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"

- > I have to write a widget/function in idl-envi.
- > This widget have an "Insert Point" button that collects X,Y coordinates
- > and some other information related such digital number (color - integer
- > from 0 to 254), a label (string). Then, points collected must be saved
- > in ascii file format, in a certain format I know.
- >
- > How do you suggest to do this? I saw something about .evf file that
- > store array data format, is this correct? In such conditions, I'll have
- > to write a evf2ascii function.
- > Thank you.

Hello Friend, you can use the following code to get the x,y data

```
pro print_evf_record_info
;
;
; Open the EVF file can_v1.evf in the
; ENVI_Install_Directory/data/vector
;
evf_fname = 'can_v1.evf'
evf_id = envi_evf_open(evf_fname)
;
; Get the vector information
;
envi_evf_info, evf_id, num_recs=num_recs, $
data_type=data_type, projection=projection, $
layer_name=layer_name
;
; Print information about each record
;
print, 'Number of Records: ', num_recs
for i=0,num_recs-1 do begin
    record = envi_evf_read_record(evf_id, i)
    print, 'Number of nodes in Record ' + $
        strtrim(i+1,2) + ': ', n_elements(record[0,*])
endfor
;
; Close the EVF file
;
envi_evf_close, evf_id
end
```
